

Mountain Valley Pipeline, LLC

v.

Easements to Construct, etc., et al.

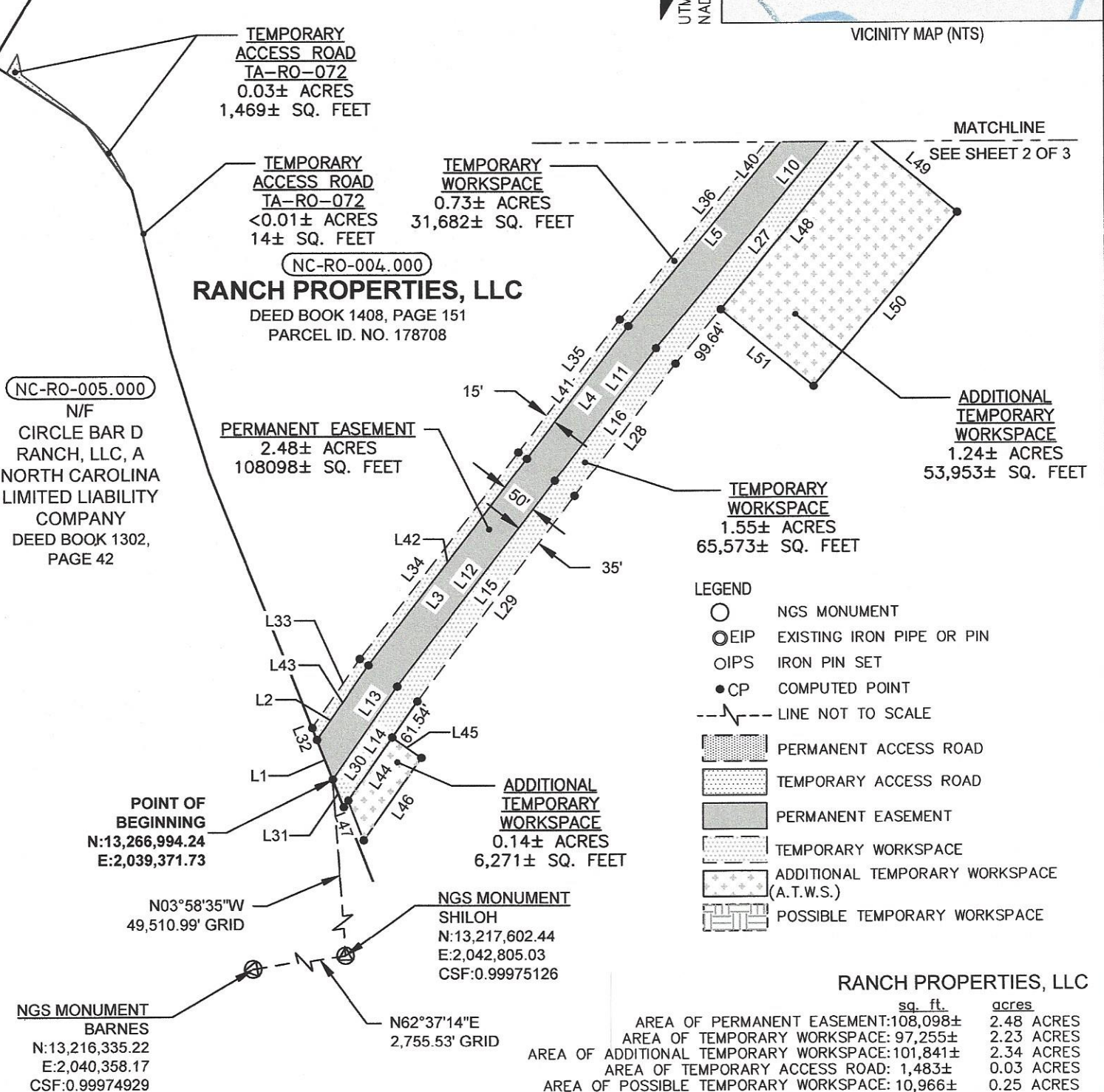
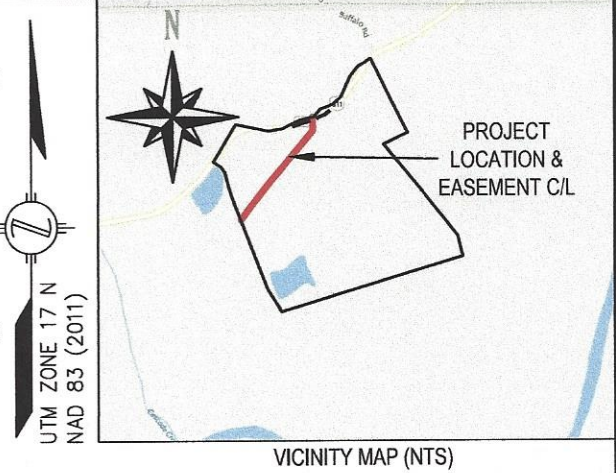
Exhibit 43 to Complaint

Map of MVP Parcel No. NC-RO-004.000

EXHIBIT A

NOTES

1. ALL DISTANCES SHOWN HEREON ARE HORIZONTAL GRID DISTANCES, A PROJECT SCALE FACTOR (PSF) OF 0.99979557 WAS ESTABLISHED FOR THIS PROJECT. TO OBTAIN GROUND DISTANCE, DIVIDE THE DISTANCE SHOWN BY THE PSF.
2. AREAS DETERMINED BY COORDINATE METHOD.
3. AREAS SHOWN ARE SUBJECT TO EASEMENT OF RECORD.
4. RECORD REFERENCES: DEED BOOK 1408, PAGE 151
5. PARCEL ID: 178708
6. PROPERTY LINES SHOWN ARE BASED ON EXISTING DEEDS, PLATS AND VISIBLE MONUMENTATION DISCOVERED ALONG PROJECT AREA.
7. THIS SURVEY IS REFERENCED TO THE UTM ZONE 17 N NAD 83 (2011).
8. ALL CORNERS ARE AS NOTED.
9. THIS PLAT IS FOR EASEMENT ACQUISITION PURPOSES ONLY AND IS NOT TO BE CONSIDERED A BOUNDARY SURVEY OF THE PARENT TRACT.
10. TEMPORARY EASEMENT TO BE ACQUIRED.



LEGEND

- NGS MONUMENT
- ⊙ EIP EXISTING IRON PIPE OR PIN
- IPS IRON PIN SET
- CP COMPUTED POINT
- LINE NOT TO SCALE
- [Pattern] PERMANENT ACCESS ROAD
- [Pattern] TEMPORARY ACCESS ROAD
- [Pattern] PERMANENT EASEMENT
- [Pattern] TEMPORARY WORKSPACE
- [Pattern] ADDITIONAL TEMPORARY WORKSPACE (A.T.W.S.)
- [Pattern] POSSIBLE TEMPORARY WORKSPACE

RANCH PROPERTIES, LLC

	sq. ft.	acres
AREA OF PERMANENT EASEMENT:	108,098±	2.48 ACRES
AREA OF TEMPORARY WORKSPACE:	97,255±	2.23 ACRES
AREA OF ADDITIONAL TEMPORARY WORKSPACE:	101,841±	2.34 ACRES
AREA OF TEMPORARY ACCESS ROAD:	1,483±	0.03 ACRES
AREA OF POSSIBLE TEMPORARY WORKSPACE:	10,966±	0.25 ACRES

feet rods
CENTERLINE OF EASEMENT: 2162± 131.03±

I, Thomas Warner Kimmel, certify that this plat is of a PERMANENT EASEMENT for a public utility as defined in GS 62-3; that this plat was drawn under my supervision from an actual survey performed under my supervision (deed description recorded in deed book 1408, page 151); that the ratio of precision as calculated is 1:10,000±; that the Global Positioning System (GPS) observations were performed to the Geospatial Positioning Accuracy Standards, Part 2: Standards for Geodetic Networks at the Class "A" accuracy classification (95% confidence) using RTK/VRS networks and traditional traverses.

That this plat meets the requirements of G.S. 47-30 section (f)(11)(c).

This 25th day of August, 2020
Thomas Warner Kimmel
THOMAS WARNER KIMMEL, PLS L 3674



LAND OWNER INITIALS: _____
DATE: _____
TRC ENGINEERS, INC
2200 LIBERTY AVENUE,
SUITE 100
PITTSBURGH, PA 15222
PH: (724) 749-8572 tkimmel@trcsolutions.com
NC CORPORATE LICENSE No. F-0591

EASEMENT SURVEY
FOR MVP SOUTHGATE
TOWNSHIP OF LEAKSVILLE
ROCKINGHAM COUNTY, NORTH CAROLINA

Mountain Valley
PIPELINE LLC

PIPELINE EASEMENT IN PROPERTY OF
RANCH PROPERTIES, LLC
HIGHWAY NC 770
NC-RO-004.000
DEED BOOK 1408, PAGE 151

NC-RO-004.000

Drawn By: DJB	Chk'd By:	Appd By:	TRC Proj. No. 300423	Scale: 1"=200'
Drawn Date: 10/15/18	DD	TWK	Sheet: 1 OF 3	MVP Proj. No.

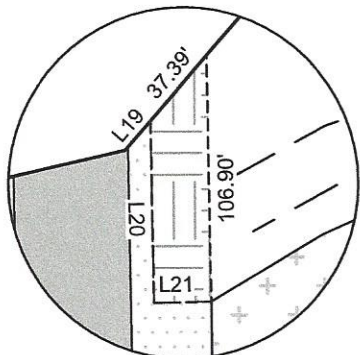
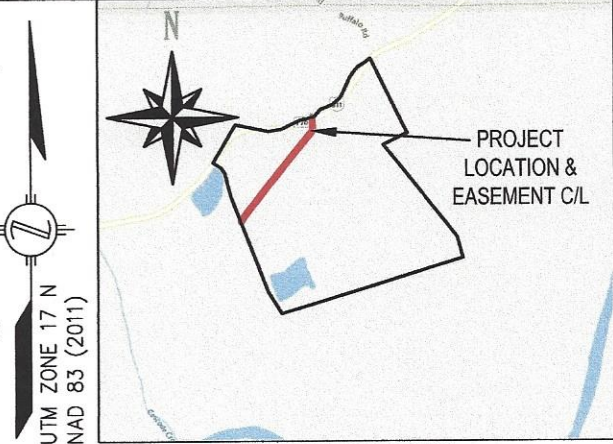
200 100 0 200
GRAPHIC SCALE IN FEET

REVISIONS				
2	8/13/2020	CP	GENERAL REVISIONS	TWK
1	2/1/2019	TCM	REVISED BOUNDARY/ WORKSPACE/AR	TWK
No.	Date	Rev By	Description	Checked

NOTES

1. ALL DISTANCES SHOWN HEREON ARE HORIZONTAL GRID DISTANCES, A PROJECT SCALE FACTOR (PSF) OF 0.99979557 WAS ESTABLISHED FOR THIS PROJECT. TO OBTAIN GROUND DISTANCE, DIVIDE THE DISTANCE SHOWN BY THE PSF.
2. AREAS DETERMINED BY COORDINATE METHOD.
3. AREAS SHOWN ARE SUBJECT TO EASEMENT OF RECORD.
4. RECORD REFERENCES: DEED BOOK 1408, PAGE 151
5. PARCEL ID: 178708
6. PROPERTY LINES SHOWN ARE BASED ON EXISTING DEEDS, PLATS AND VISIBLE MONUMENTATION DISCOVERED ALONG PROJECT AREA.
7. THIS SURVEY IS REFERENCED TO THE UTM ZONE 17 N NAD 83 (2011).
8. ALL CORNERS ARE AS NOTED.
9. THIS PLAT IS FOR EASEMENT ACQUISITION PURPOSES ONLY AND IS NOT TO BE CONSIDERED A BOUNDARY SURVEY OF THE PARENT TRACT.
10. TEMPORARY EASEMENT TO BE ACQUIRED.

EXHIBIT A



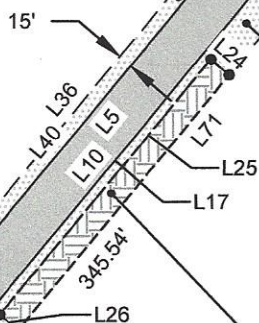
DETAIL "A"
NTS

NC-RO-002.000
N/F
CAROLINE FRANKLIN HOLLIDAY
DEED BOOK 410, PAGE 443
ESTATE FILE 89-E-644
PARCEL I.D. 147233

C-RO-003.000
N/F
TRANSCONTINENTAL GAS
PIPE LINE COMPANY, LLC
DEED BOOK 610, PAGE 138
DEED BOOK 1495, PAGE 698
DEED BOOK 1515, PAGE 36
DEED BOOK 1519, PAGE 2247

TEMPORARY
WORKSPACE
0.73± ACRES
31,682± SQ. FEET

NC-RO-004.000
RANCH PROPERTIES, LLC
DEED BOOK 1408, PAGE 151
PARCEL ID. NO. 178708



ADDITIONAL
TEMPORARY
WORKSPACE
0.11± ACRES
4,726± SQ. FEET

N: 13,268,891.13
E: 2,040,705.22
POSSIBLE
TEMPORARY
WORKSPACE
0.05± ACRES
2,325± SQ. FEET

ADDITIONAL
TEMPORARY
WORKSPACE
0.50± ACRES
21,891± SQ. FEET

PERMANENT EASEMENT
2.48± ACRES
108,098± SQ. FEET

ADDITIONAL
TEMPORARY
WORKSPACE
0.34± ACRES
15,000± SQ. FEET

TEMPORARY
WORKSPACE
1.55± ACRES
67,573± SQ. FEET

POSSIBLE
TEMPORARY
WORKSPACE
0.20± ACRES
8,641± SQ. FEET

LEGEND

- NGS MONUMENT
- EIP EXISTING IRON PIPE OR PIN
- OIPS IRON PIN SET
- CP COMPUTED POINT
- LINE NOT TO SCALE
- PERMANENT ACCESS ROAD
- TEMPORARY ACCESS ROAD
- PERMANENT EASEMENT
- TEMPORARY WORKSPACE
- ADDITIONAL TEMPORARY WORKSPACE (A.T.W.S.)
- POSSIBLE TEMPORARY WORKSPACE

LAND
OWNER
INITIALS: _____
DATE: _____

SEE SHEET 1 FOR THE LAND SURVEYOR'S CERTIFICATION.

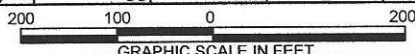
SEE SHEET 3 OF 3 FOR LINE TABLES & DETAILS

EASEMENT SURVEY
FOR MVP SOUTHGATE
TOWNSHIP OF LEAKSVILLE
ROCKINGHAM COUNTY, NORTH CAROLINA



PIPELINE EASEMENT IN PROPERTY OF
RANCH PROPERTIES, LLC
HIGHWAY NC 770
NC-RO-004.000
DEED BOOK 1408, PAGE 151

NC-RO-004.000
Drawn By: DJB Chk'd By: DD App'd By: TWK
Drawn Date: 10/15/18 DD TWK
Scale: 1"=200'
MVP Proj. No. 300423
Sheet: 2 OF 3



REVISIONS				
No.	Date	Rev By	Description	Checked
2	8/13/2020	CP	GENERAL REVISIONS	TWK
1	2/1/2019	TCM	REVISED BOUNDARY/ WORKSPACE/AR	TWK

EXHIBIT A

PERMANENT EASEMENT		
LINE	BEARING	DISTANCE
L1	N21°21'11"W	60.01'
L2	N35°04'27"E	127.17'
L3	N37°44'18"E	367.04'
L4	N37°40'39"E	235.58'
L5	N39°52'12"E	1,177.28'
L6	N00°48'50"W	216.55'
L7	N77°12'58"E	49.88'
L8	N41°08'58"E	1.81'
L9	S00°48'50"E	246.78'
L10	S39°52'12"W	1,194.86'
L11	S37°40'39"W	234.65'
L12	S37°44'18"W	365.90'
L13	S35°04'27"W	159.19'

TEMPORARY WORKSPACE		
LINE	BEARING	DISTANCE
L14	N35°04'27"E	159.19'
L15	N37°44'18"E	365.90'
L16	N37°40'39"E	234.65'
L17	N39°52'12"E	1,194.86'
L18	N00°48'50"W	246.78'
L19	N41°08'58"E	14.96'
L20	S00°48'50"E	79.10'
L21	N89°11'08"E	25.00'
L22	S00°48'50"E	191.77'
L23	S39°52'12"W	444.60'
L24	N49°45'01"W	25.00'
L25	S39°52'12"W	345.71'
L26	S50°07'48"E	25.00'
L27	S39°52'12"W	417.01'
L28	S37°40'39"W	234.00'
L29	S37°44'18"W	365.10'
L30	S35°04'27"W	181.61'
L31	N21°21'11"W	42.01'
L32	N21°21'11"W	18.00'
L33	N35°04'27"E	117.56'
L34	N37°44'18"E	367.38'
L35	N37°40'39"E	235.86'
L36	N39°52'12"E	1,172.00'
L37	N00°48'50"W	207.81'
L38	N77°12'58"E	15.33'
L39	S00°48'50"E	216.55'
L40	S39°52'12"W	1,177.28'
L41	S37°40'39"W	235.58'
L42	S37°44'18"W	367.04'
L43	S35°04'27"W	127.17'

ADDITIONAL TEMPORARY WORKSPACE		
LINE	BEARING	DISTANCE
L44	N35°04'27"E	108.48'
L45	S54°54'36"E	50.00'
L46	S35°04'27"W	142.38'
L47	N20°46'38"W	60.42'
L48	N39°52'12"E	317.37'
L49	S50°07'48"E	170.00'
L50	S39°52'12"W	317.37'
L51	N50°07'48"W	170.00'
L52	N39°52'12"E	200.00'
L53	S50°07'48"E	75.00'
L54	S39°52'12"W	200.00'
L55	N50°07'48"W	75.00'
L56	N00°48'50"W	191.77'
L57	N59°07'26"E	56.61'
L58	N65°46'44"E	27.71'
L59	N64°39'19"E	17.08'
L60	N62°10'32"E	11.27'
L61	S00°48'50"E	243.34'
L62	S89°11'10"W	100.00'
L63	N70°02'58"E	127.28'
L64	N66°46'58"E	21.92'
L65	S39°41'27"W	129.34'
L66	N50°18'32"W	74.31'



SEE SHEETS 1-2 OF 3 FOR GRAPHICS AND LABELS

EASEMENT SURVEY FOR MVP SOUTHGATE TOWNSHIP OF LEAKSVILLE ROCKINGHAM COUNTY, NORTH CAROLINA				
PIPELINE EASEMENT IN PROPERTY OF RANCH PROPERTIES, LLC HIGHWAY NC 770 NC-RO-004.000 DEED BOOK 1408, PAGE 151				
NC-RO-004.000				
Drawn By: DJB	Chk'd By: DD	App'd By: TWK	IRC Proj. No. 300423	Scale: NTS
Drawn Date: 10/15/18			Sheet: 3 OF 3	MVP Proj. No.
REVISIONS				
2	8/13/2020	CP	GENERAL REVISIONS	TWK
1	2/1/2019	TCM	REVISED BOUNDARY/ WORKSPACE/AR	TWK
No.	Date	Rev By	Description	Checked

LAND
OWNER
INITIALS: _____

DATE: _____

SEE SHEET 1 FOR THE LAND SURVEYOR'S CERTIFICATION.